

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Previously Presented): A tubular or pipe multilayer structure comprising at least one internal layer and an external layer, wherein the tubular or pipe multilayer structure has an opening at each end thereof, wherein the external layer is the outermost layer of the multilayer structure, wherein at least the internal layer is formed from a composition consisting of at least one thermoplastic polyamide and at least one impact-resistance modifier that is a polyolefin, the at least one impact-resistance modifier being present at a concentration by weight of between 10 and 50% of said composition, and in that at least the external layer is formed from a composition comprising as a polymer matrix a polyamide composition comprising:

(i) a polyamide thermoplastic copolymer obtained by copolymerization of ϵ -caprolactam, and a mixture of hexamethylenediamine with a diacid comprising at least 9 carbon atoms,

the ratio by weight between the ϵ -caprolactam and the total amount of hexamethylenediamine and diacid being between 4 and 9, or

(ii) a mixture of at least said thermoplastic polyamide copolymer (i) and at least one second thermoplastic polyamide or copolyamide obtained by polymerization of monomers comprising fewer than 9 carbon atoms, the content by weight of the second thermoplastic polyamide or copolyamide in the polymer matrix being between 0 and 80% by weight,

wherein the at least one internal layer is in direct contact with the external layer.

Claim 2 (Previously Presented): Structure according to claim 1, wherein the composition forming the external layer comprises an impact-resistance modifier.

Claim 3 (Previously Presented): Structure according to claim 2, wherein the content of impact-resistance modifier present in the external layer when the polymer matrix is formed by the mixture (ii) is between 5% and 50% by weight of the thermoplastic composition forming the layer.

Claims 4 to 9 (Canceled)

Claim 10 (Previously Presented): Structure according to claim 1, wherein the composition forming the external layer comprises a first 6/6-36 thermoplastic copolyamide and a second PA 6 thermoplastic polyamide.

Claim 11 (Previously Presented): Structure according to claim 1, wherein the composition forming the external layer comprises an impact-resistance modifier, optionally comprising functional groups which can react with the polyamide or polyamides.

Claim 12 (Previously Presented): Structure according to claim 1, wherein the composition forming the internal layer has a flexural modulus of less than 1500 MPa.

Claim 13 (Previously Presented): Structure according to claim 1, wherein the composition forming the internal layer comprises a chain extender for the polyamide matrix, which is present at a concentration by weight of between 0.05% and 5% of the polyamide matrix.

Claim 14 (Previously Presented): Structure according to claim 1, wherein the impact-resistance modifier contained in the composition forming the internal layer comprises a compound having a T_g below 0°C and a modulus of less than 200 Mpa.

Claim 15 (Canceled)

Claim 16 (Previously Presented): Structure according to claim 14, wherein at least one impact-resistance modifier comprises polar functional groups capable of reacting with the polyamide matrix.

Claim 17 (Previously Presented): Structure according to claim 16, wherein the polar functional groups are selected from the group consisting of acid, anhydride, acrylic, methacrylic and epoxy functional groups.

Claim 18 (Previously Presented): Structure according to claim 1, wherein the impact-resistance modifier is an ultra-low-density polyethylene having a density of less than 0.9 g/cm³ and a melt flow index of between 0.1 and 7 g/10 min measured at 190°C under a load of 2.16 kg.

Claims 19 to 25 (Canceled)

Claim 26 (Previously Presented): Structure according to claim 1, wherein the stress cracking resistance of the structure measured in a ZnCl_2 solution according to international standard SAE J 844 is greater than 500 hours.

Claim 27 (Previously Presented): Structure according to claim 1, wherein a thickness of the external layer is less than 0.1 mm.

Claim 28 (Previously Presented): Structure according to claim 1, wherein a thickness of the external layer is less than 10% of the total thickness of the structure.

Claim 29 (Canceled)

Claim 30 (Previously Presented): Structure according to claim 1, wherein the structure consists of one external layer and one internal layer.

Claim 31 (New): Structure according to claim 1, wherein the external layer is formed from a composition consisting of as a polymer matrix a polyamide composition consisting of (i) or (ii).